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USACE/FEMA 2006/2007
RAP Workshop
December 5-7, 2006
Orlando, FL

FEMA

Update:
Catastrophic Disaster Planning

FEMA: Michel S. Pawlowski

Catastrophic Disaster Planning-South Florida

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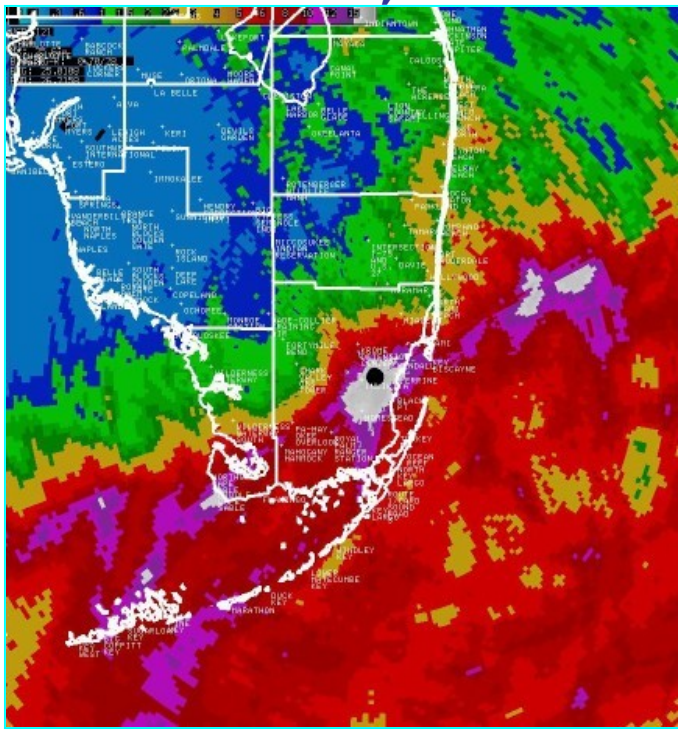
FEMA

Lake Okeechobee/Herbert Hoover Dike

Regional evacuation and response planning for the Herbert Hoover Dike in the event of a rupture in the southern end of Lake Okeechobee. Includes Glades, Hendry, Palm Beach, Martin and Lee Counties, Florida.

Miami, Florida



Response and recovery planning for a Category 5 Hurricane impacting Sou Florida, making landfall i Miami, Florida.

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Catastrophic Disaster Planning

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Florida:

Category 5 Hurricane – Landfall Miami

- **Phase 1 – Lake Okeechobee Evacuation Plan Spring ‘07**
- **Phase 2 – Florida Plan ’08**

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The Challenge in NMSZ

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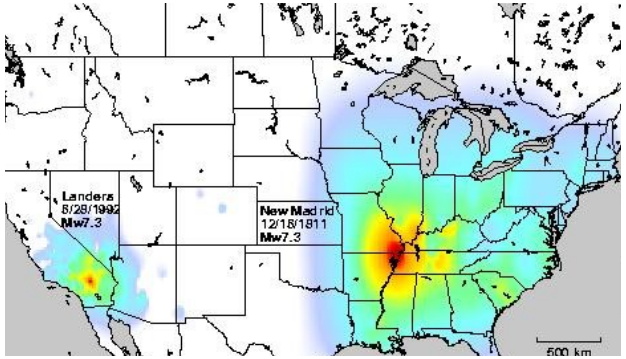
- **NMSZ = Huge Fault, Huge Damage, Huge Impact**
- **150-mile long fault from Arkansas through Missouri, Tennessee & Kentucky to Illinois**
- **Significant national impact**
  - **Ripple effect across America**
- **Potential for greater effect than quake in CA**
- **Central U.S. earthquakes on 200-year cycle**
- **Northridge, CA cost approx $40B in 1994**
- **Estimated building loss -- $70B**
- **Tremendous impact on critical infrastructure**
- **44M people live in eight-state region**
  - **12M in high risk area**
- **Severe weather & significant evacuation issues**

Northridge (6.7M) vs. 1886 (



Landers, CA (7.3M) vs. 1812

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Response Challenges

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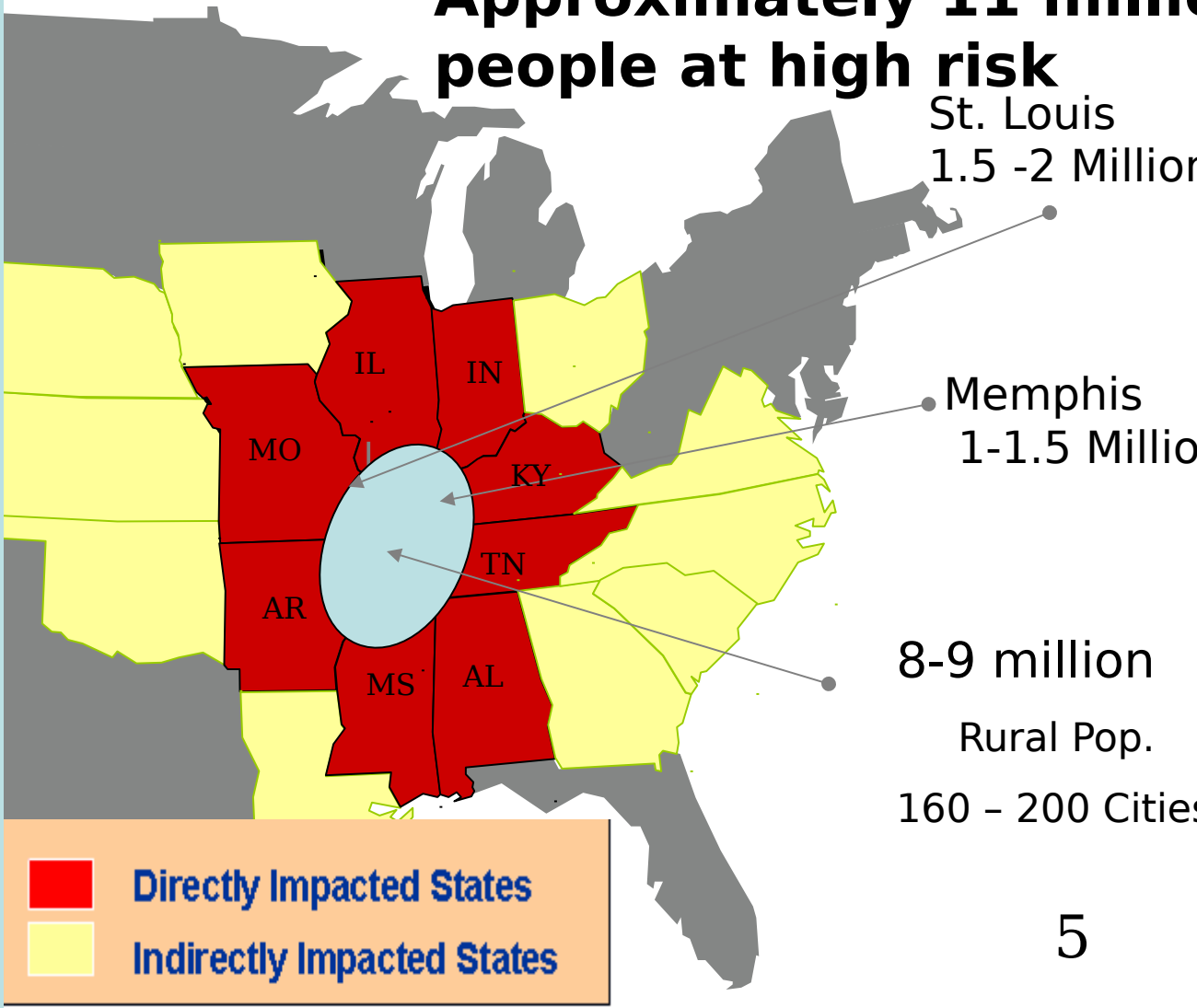
- No notice event that is not commonly recognized
- Consequences eclipse Katrina
- Large area of impact **- 126,575 Sq. Miles**
- Multiple jurisdictions with multiple governors
- Significant infrastructure impacts
- Response problems during multiple aftershocks
- Poor situational awareness
- Security demands
- Mass care/shelter needs
- Major housing



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Partnerships to Meet the Challenge (Same approach used for FL & NNSZ)

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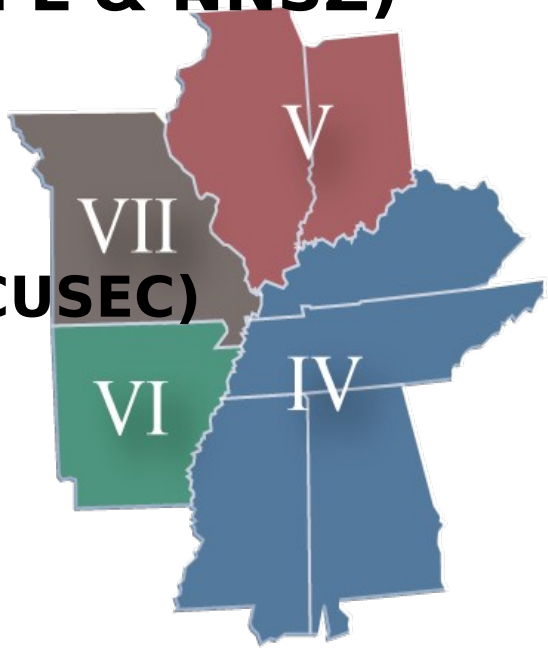

- **Federal, State, Local partnership**
- **Central US Earthquake Consortium (CUSEC)**
  - **AL, AR, IL, IN, KY, MS, MO, TN**
- **DHS components**
- **FEMA Hq and Regions IV, V, VI, VII**
- **Federal and Sector Specific Agencies**
- **Emergency Management Assistance Compact (EMAC)**
- **Tribal and local governments**
- **Business, Industry, and Voluntary Organizations**

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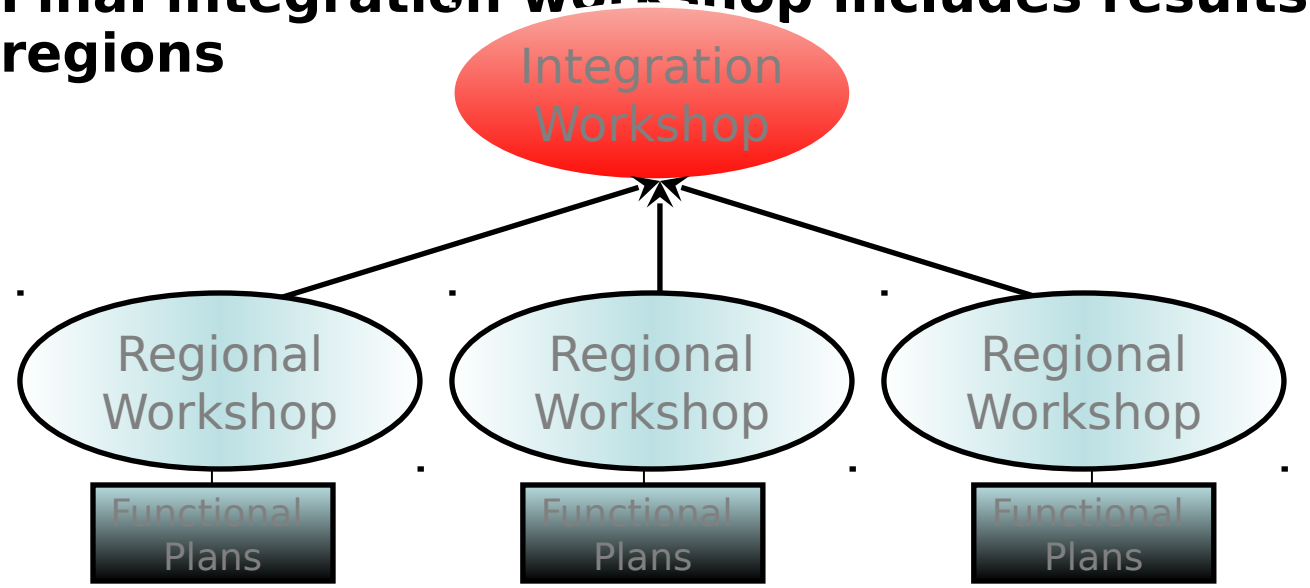
Approach to the Challenge

- **Multiple levels of scenario driven workshops:**
  - **Initial functional area-specific workshops**
  - **Urban workshops (St. Louis & Memphis)**
  - **Rural workshops (Charleston, MO, Wickliff, KY & Cairo, IL)**
  - **Final integration workshop includes results from all regions**



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Catastrophic Disaster Planning

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NMSZ Schedule:

- **FY 2007**
  - **Interim CONOPS**
  - **Scenario driven workshops**
- **FY 2008**
  - **NMSZ plan**
- **FY 2009 – 2010**
  - **Scenario based training & exercising**
  - **States independently/regionally exercise plans**
- **FY 2011**
  - **Major Command Exercise (Proposed)**